

METHOD AND APPARATUS FOR FORMALLY SPECIFYING APPLICATION-SPECIFIC READ/WRITE CONSISTENCY

Abstract

A system for specifying read/write consistency for an application including an application including at least one transaction, wherein the at least one transaction includes at least one of a plurality of states, at least one of a plurality of transitions, and at least one artifact; and a database operatively connected to the application, wherein the application accesses data associated with the at least one artifact using a read/write consistency specification; wherein the read/write consistency specification specifies at least one selected from the group consisting of a read consistency and a write consistency for the at least one artifact within the transaction.

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